

Fig. 1

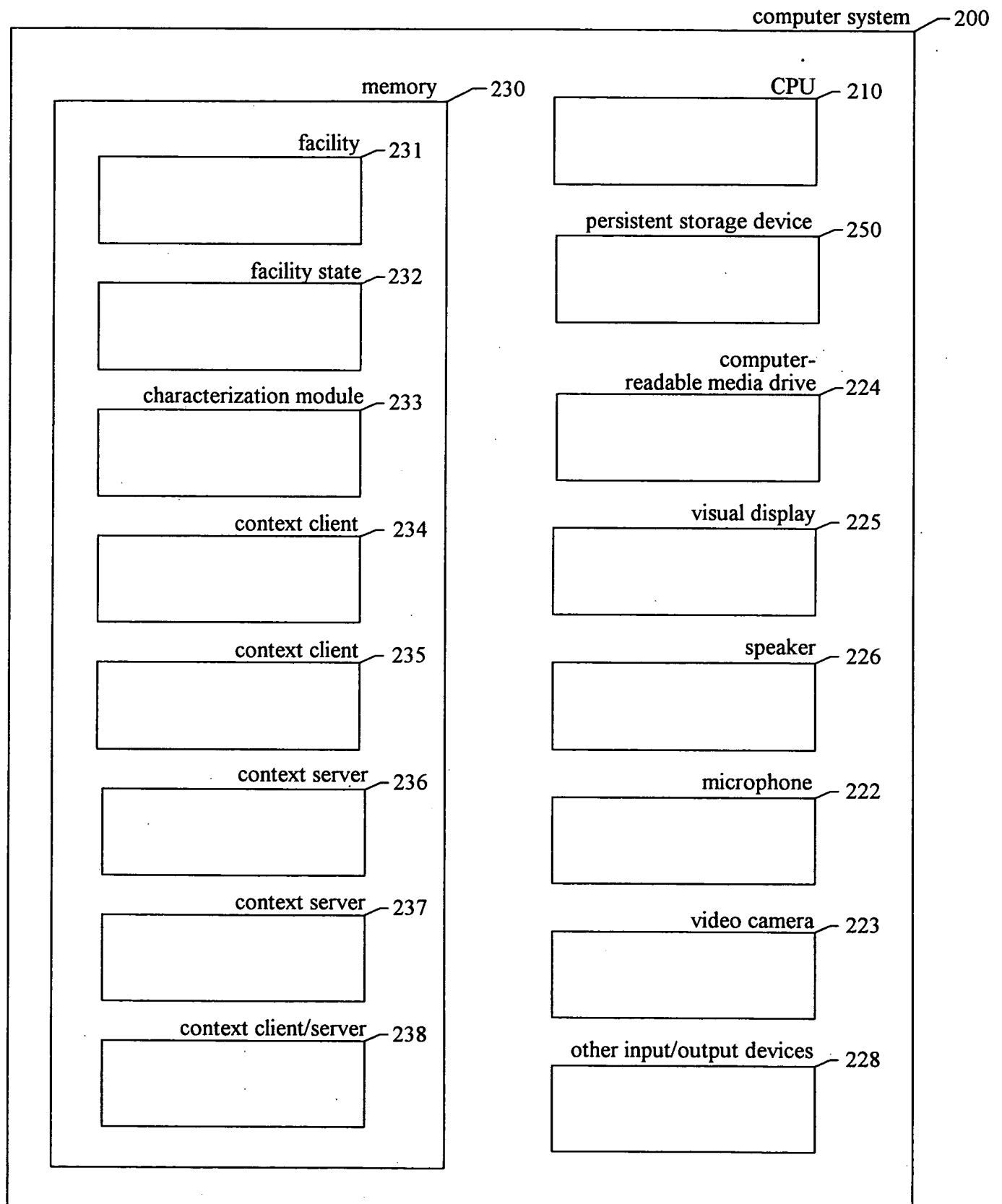


Fig. 2

8007-fig3.vsd

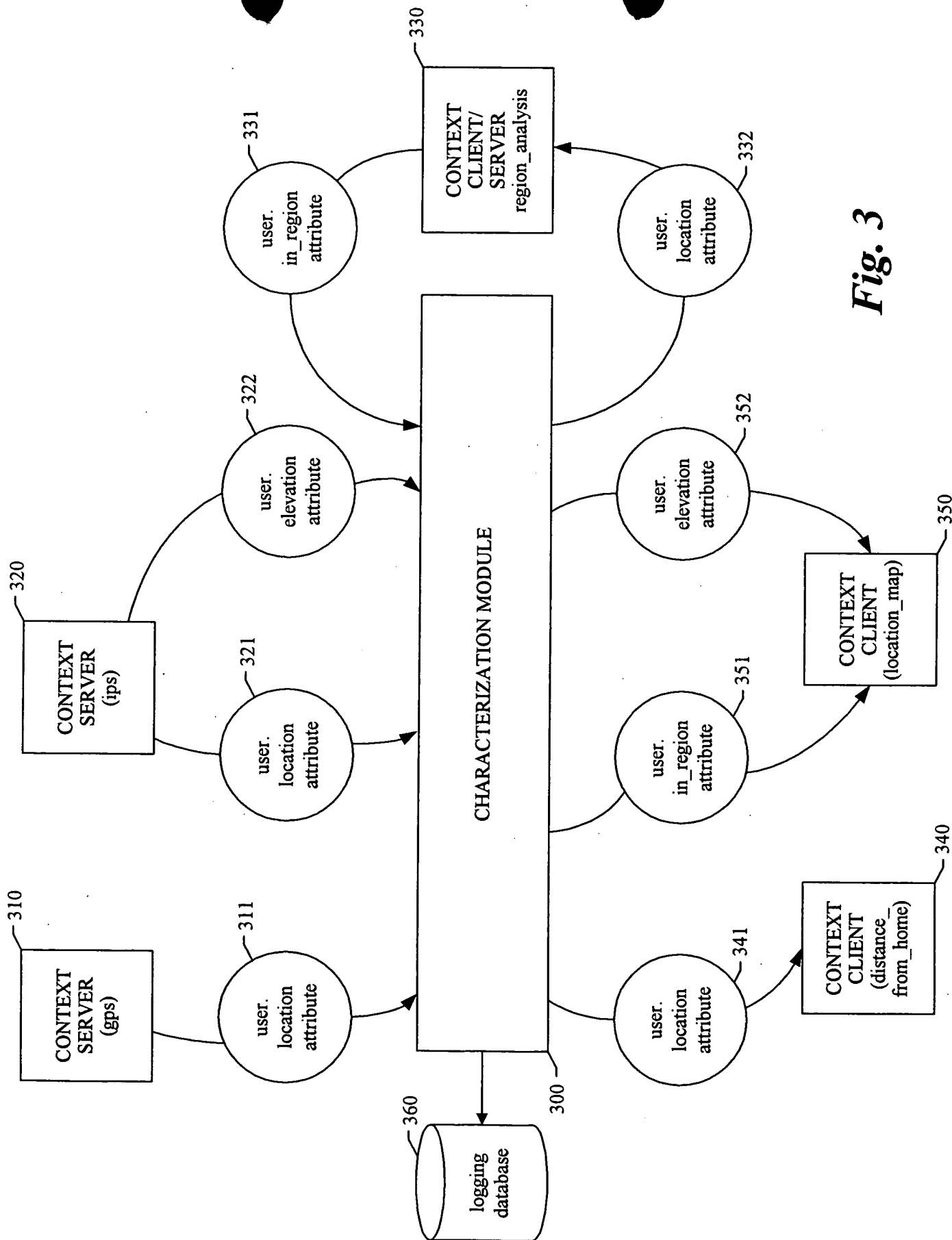


Fig. 3

attribute instance table 400

attribute name	context server name	value	uncertainty	timestamp	units	number of context clients consuming
401 user.location	gps	47°38.73' N, 122° 18.43' W	0° .09'	13:11:04.023 2/22/2000	degrees/minutes	2
402 user.location	ips	47°38.745' N, 122° 18.424' W	0° .021'	13:11:01.118 2/22/2000	degrees/minutes	2
403 user.elevation	ips	22	.5	13:11:01.118 2/22/2000	meters	1
404 user.in_region	location_region_analysis	none	.05%	none	none	0

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Fig. 4

logging configuration table 500								
log name	attribute name	context server name	logging frequency	maximum attribute value age	importance level	pre-logging processing	maintenance processing	last logged
501 user_log	user.location	gps	00:02:00.000	00:00:00.000	8	none	none	14:05:10.011 2/22/2000
502 user_log	user.in_region	location_region_analysis	00:10:00.000	00:02:30.000	6	omit logging where value matches last-logged	summarize weekly	14:04:36.121 2/22/2000

Fig. 5

attribute log table -- user_log 700								
attribute name	context server	value	uncertainty	timestamp	units	format version	flags	logged time
701 user.location	gps	47°38.73' N, 122° 18.43' W	0° .09'	14:01:09.724 2/22/2000	degrees/minutes	1.01	none	14:01:09.727 2/22/2000
702 user.location	gps	47°38.745' N, 122° 18.22' W	0° .09'	14:03:09.873 2/22/2000	degrees/minutes	1.01	none	14:03:09.877 2/22/2000
703 user.in_region	location_region_analysis	TRUE	.05%	14:04:30.408 2/22/2000	none	1.01	none	14:04:36.121 2/22/2000
704 user.location	gps	47°38.745' N, 122° 18.22' W	0° .10'	14:05:10.008 2/22/2000	degrees/minutes	1.01	none	14:05:10.011 2/22/2000

Fig. 7

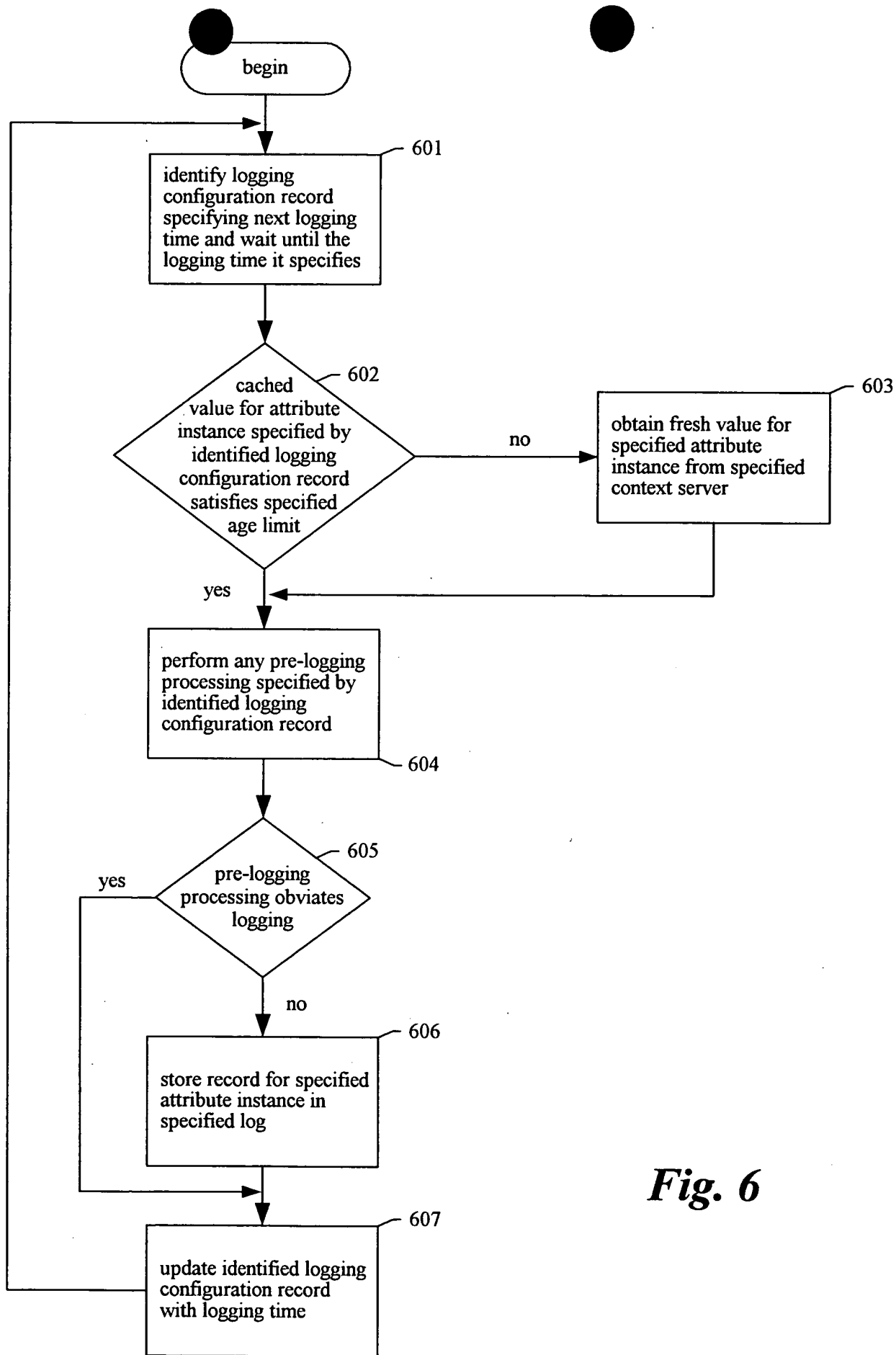


Fig. 6

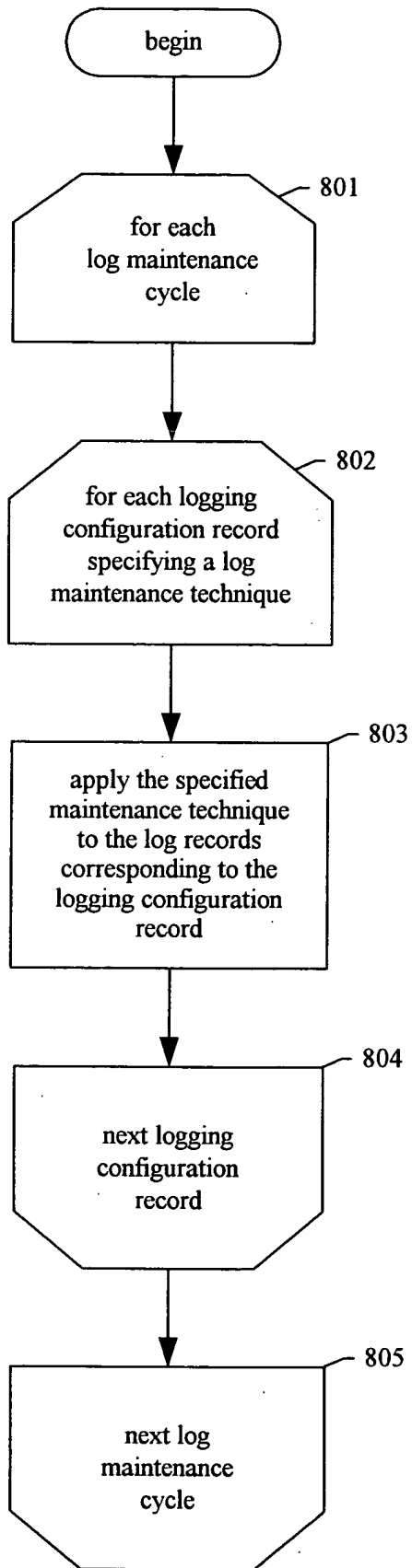


Fig. 8

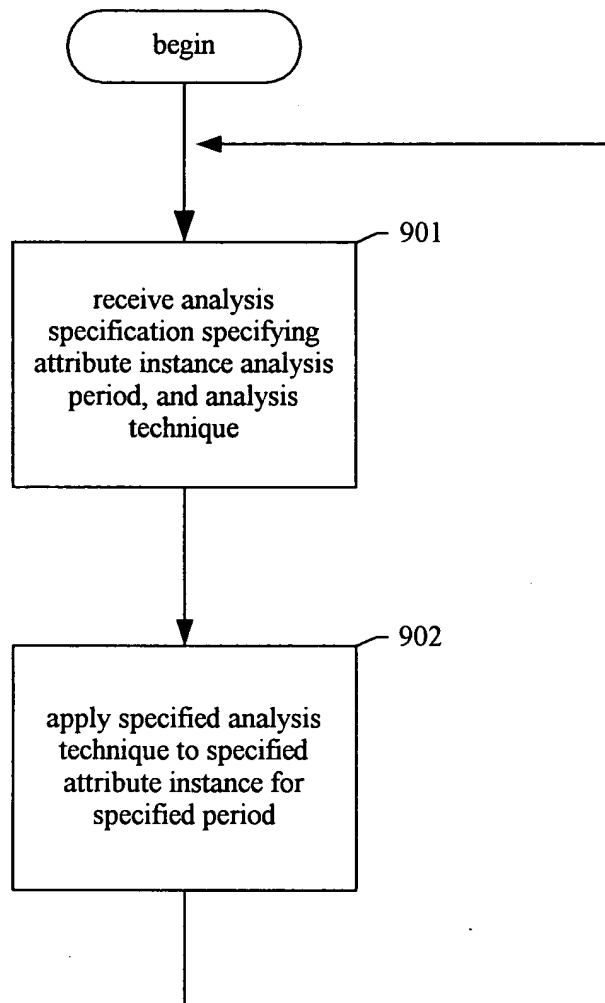


Fig. 9

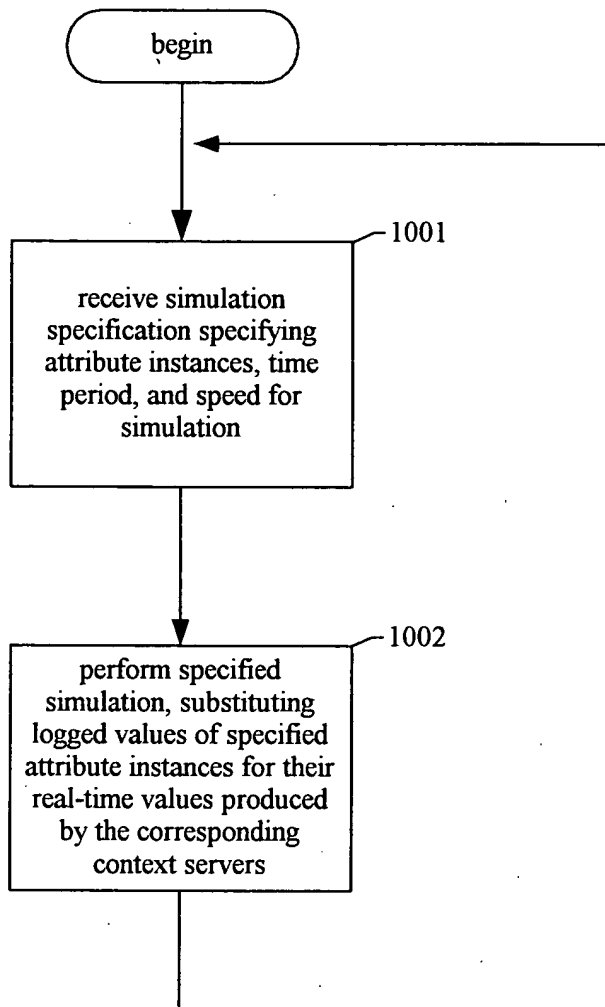


Fig. 10

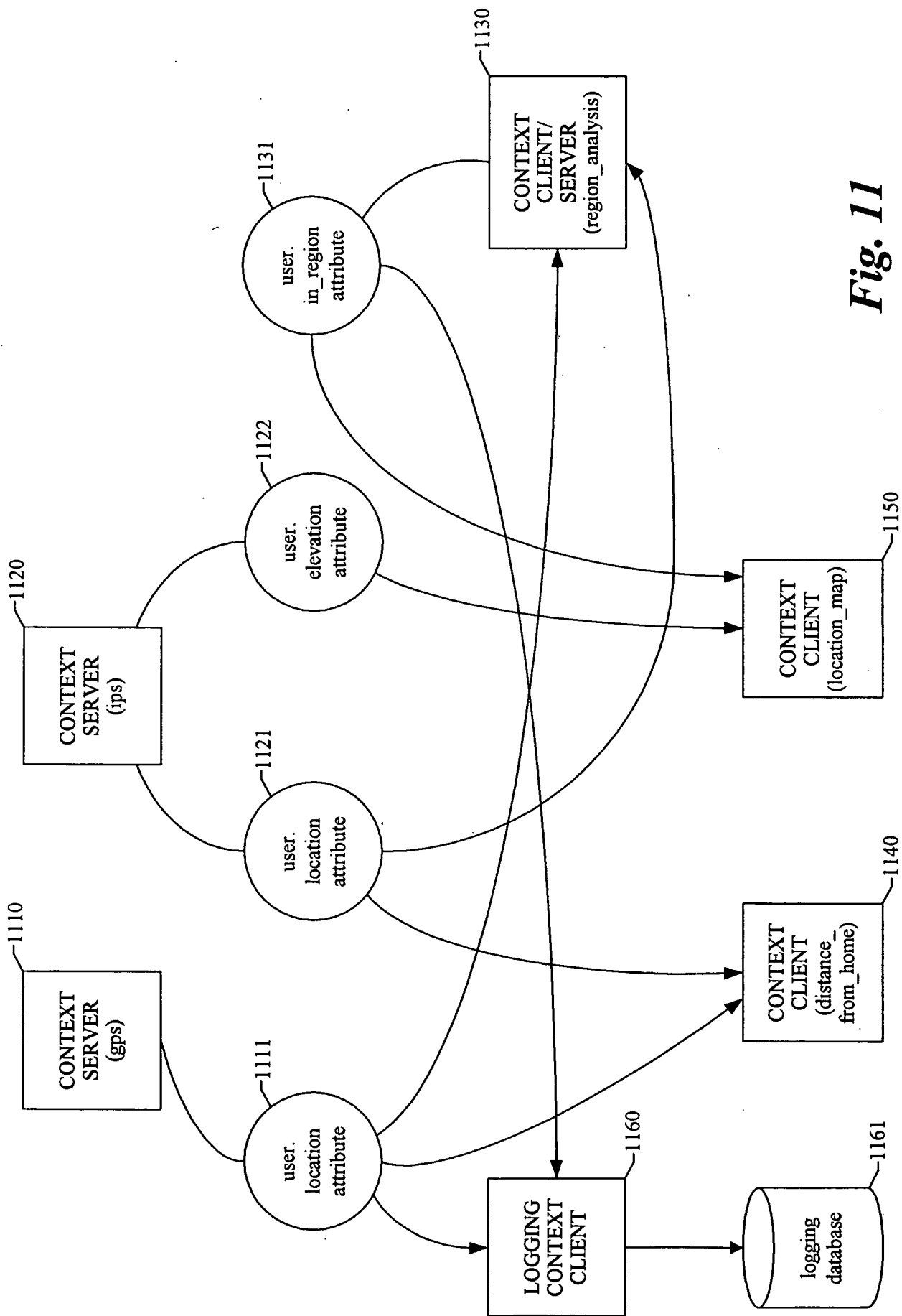


Fig. 11